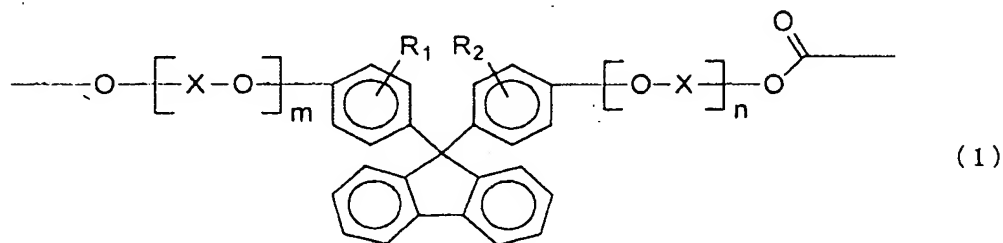
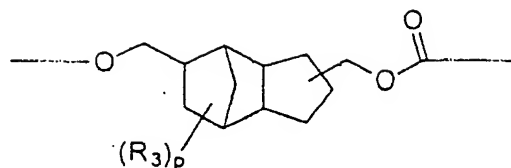


CLAIMS

1. A polycarbonate copolymer comprising 30 to 70 mol% of a structural unit represented by the general formula(1) and 70 to 30 mol% of a structural unit represented by the general formula(2);



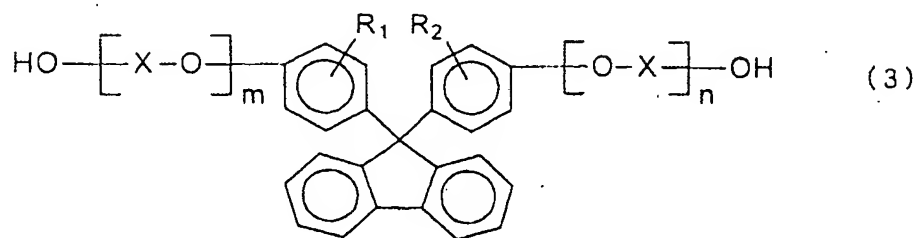
wherein R_1 and R_2 , each independently, are a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, a cycloalkyl group having 6 to 10 carbon atoms or an aryl group having 6 to 10 carbon atoms; X is an alkylene group having 2 to 6 carbon atoms, a cycloalkylene group having 6 to 10 carbon atoms or an arylene group having 6 to 10 carbon atoms, which may be branched and n and m, each independently, are an integer of 1 to 5;



(2)

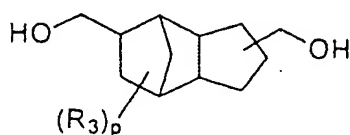
wherein R_3 is an alkyl group having 1 to 10 carbon atoms and p is an integer of 0 to 4 and plural R_3 may be attached to optional position of tetracyclodecane ring.

2. A process for producing the polycarbonate copolymer described in claim 1 which comprises a dihydroxy compound represented by the general formula (3) and a dihydroxy compound by the general formula (4) in a molar ratio of 30/70 with a carbonic acid diester in the presence of a polymerization catalyst;



wherein R_1 and R_2 , each independently, are a hydrogen

atom, an alkyl group having 1 to 10 carbon atoms, a cycloalkyl group having 6 to 10 carbon atoms or an aryl group having 6 to 10 carbon atoms; X is an alkylene group having 2 to 6 carbon atoms, a cycloalkylene group having 6 to 10 carbon atoms or an arylene group having 6 to 10 carbon atoms, which may be branched and n and m, each independently, are an integer of 1 to 5;



(4)

wherein R₃ is an alkyl group having 1 to 10 carbon atoms and p is an integer of 0 to 4 and p is an integer of 0 to 4 and plural R₃ may attached to optional position of tetracyclodecane ring.

3. The polycarbonate copolymer according to claim 1, wherein R₁ and R₂ each are a hydrogen atom; n and m each are 1; X is an alkylene group having 2 carbon atoms and p is 0.

4. The process for producing the polycarbonate copolymer according to claim 2,

wherein R_1 and R_2 each are a hydrogen atom; n and m each are 1; X is an alkylene group having 2 carbon atoms and p is 0.